

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/000120

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A23L1/229 C12P19/30

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12P A23L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 303 680 A (TANEKAWA TETSUO ET AL) 1 December 1981 (1981-12-01) cited in the application abstract; column 1, lines 31-36; column 3, lines 31-57; column 4, lines 13-25; column 5, lines 23-26; examples 1-2	1-10
X	EP 0 354 610 A (UNILEVER NV ; QUEST INT (NL)) 14 February 1990 (1990-02-14)	11-14,18
A	abstract; column 2, lines 5-15; column 5, lines 22-30 and 42-57; examples 1-6	1-10
X	EP 1 080 645 A (KOHJIN CO) 7 March 2001 (2001-03-07)	11,13, 14,16,18
A	abstract; examples 1-8,11-27 (in particular examples 1, 11, 15 and 16)	1-10
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

'A' document defining the general state of the art which is not considered to be of particular relevance

'E' earlier document but published on or after the international filing date

'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

'O' document referring to an oral disclosure, use, exhibition or other means

'P' document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

8 July 2005

Date of mailing of the international search report

23.08.2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SOMMER R: "Hefeautolysate - Herstellung, Eigenschaften und Anwendung bei Fertiggerichten." LEBENSMITTELTECHNIK, vol. 16, no. 1/2, 1984, page 30, XP0009029912 pages 30-31	1-10,12
X	WO 03/063614 A (DSM IP ASSETS B.V; KORTES, JAN, GERRIT; NOORDAM, BERTUS; VERHOEVEN, WI) 7 August 2003 (2003-08-07) abstract; page 4, lines 5-14; page 5, lines 3-4	11-14, 17,18
X	WO 03/063613 A (DSM IP ASSETS B.V; KORTES, JAN, GERRIT; NOORDAM, BERTUS; VERHOEVEN, WI) 7 August 2003 (2003-08-07) abstract; page 4, lines 26-33; page 5, lines 1-4 and 27-28	11-14, 16,18
X	EP 0 299 078 A (KOHJIN CO., LTD) 18 January 1989 (1989-01-18)	11,14,18
Y	abstract; examples 3-5	15
Y	ANON: "FORMULATING LOWER-FAT AND LOWER-SALT... PROCESSED MEATS. MULTIFUNCTIONAL FLAVORINGS AID IN DEVELOPING HEALTHIER PROCESSED MEATS WITH ACCEPTABLE TASTE AND TEXTURE" CHILTON'S FOOD ENGINEERING, vol. 61, no. 9, September 1989 (1989-09), page 46,48, XP000933683 ISSN: 0193-323X paragraph joining the middle and the right-hand columns on page 46 and paragraph joining the left-hand with the middle columns on page 47	15

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EP2005/000120

### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-10

Processes for the production of compositions containing 5'-ribonucleotides by converting the RNA in the RNA-containing cell wall fractions, which have been separated after microorganism autolysis, into said ribonucleotides.

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2. claims: 11-18

Compositions comprising 5'-ribonucleotides and their uses in food, beverages and feed products.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/000120

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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			DE	68920663 T2	06-07-1995
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			WO	8805267 A1	28-07-1988
			JP	7093871 B	11-10-1995
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			KR	9607098 B1	27-05-1996